

## EASILY DISPERSIBLE PRECIPITATED SILICIC ACID

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### Abstract of JP 11157826 (A)

**PROBLEM TO BE SOLVED:** To provide an easily dispersible precipitated silicic acid to be used as a filler in a vulcanizing mixture for the production of tires. **SOLUTION:** This silicic acid has the following physicochemical parameters. They are 120 to 300 m<sup>2</sup> /g BET surface area, 100 to 300 m<sup>2</sup> /g CTAB surface area, 0.8 to 1.3 of BET/CTAB, 6 to 25 ml Seass index (consumption of 0.1 n NaOH), 150 to 300 g/100 g DBP index, <3.4 wk coeff., <1.0 &mu m grain size of broken particles and 1.0 to 100 &mu m grain size of unbroken particles.

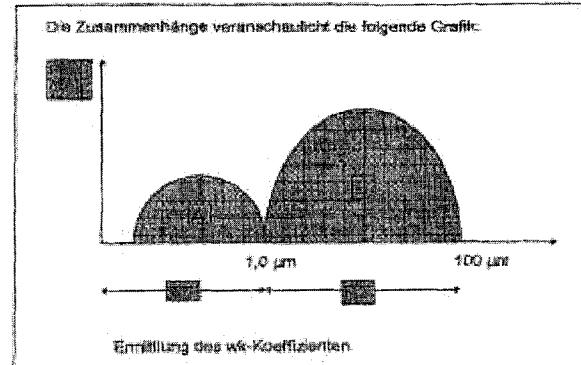


Figure 6

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